

MEMORANDUM. UTAH DEPARTMENT OF TRANSPORTATION

DATE: April 28, 2004

TO : Those on the attached list

FROM : Bill Lawrence, P.E.
UDOT Concrete Engineer
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SUBJECT: Utah Pavement Council Minutes

Date: April 21, 2004
Location: UDOT Complex, Large Conference Room, first floor
Address: 4501 South 2700 West
Salt Lake City, UT 84119
Time: 1:00 PM to 4:00 PM

The following ground rules are recommended for our group: 1. Participate by providing your agenda items and reviewing the specifications or procedures and making comments. 2. Bring your reviewed copy of the draft. 3. Come on time and stay and participate as best you can. 4. Stay on task during discussions. 5. Keep personal gripes to a minimum. 6. Keep side conversations during breaks only.

Next Meeting Date: May 19, 2004 1:00 PM

**Minutes
Utah Pavement Council
Wednesday, April 21, 2004**

**1:00 PM, UDOT Complex
Large Conference Room, First Floor
4501 South 2700 West
Salt Lake City, UT 84101**

- 1:00 - 1:10. **1. Welcome** - Bill Lawrence
- 1:10 - 1:15. **2. Follow-up on assignments regarding controlled temperature boxes for concrete specimen curing on UDOT jobs** – Rob Duncan (Ashgrove Cement). AGC Letter – Rob Duncan, CET meeting & RME meeting reviews. Specification changes sent out with last UPC minutes.
- Summary:** This item is completed. Changes to the 03055 Concrete Specification will be submitted to the next UDOT standard committee for approval and acceptance. New issue to address – Fast track cylinder curing and how to deal with it in the specification
- 1:15 - 1:45. **3. UDOT Hamburg testing data & equipment** – Tim Biel (UDOT), Steve Niederhauser (UDOT), Doug Millhollon, (Koch, Ind). Steve Niederhauser is to put information regarding past UDOT test results for information. Review impacts of implementing the new specification.
- Summary:** Steve was unable to attend, therefore information regarding past UDOT test results will be postponed until next meeting. UDOT is continuing to move forward regarding the purchasing and implementation of the Hamburg Test Equipment for each region.
- 1:45 - 2:15. **4. Update regarding CPR specifications (√ partial depth repair, √ full depth repair, √ diamond grinding, √ joint crack sealing, √ dowel bar retrofit, fast track, fast patch, slot stitching).** – Mitzi McIntyre, (ACPA), Bill Lawrence (UDOT). Follow-up from CPR meeting-March 23, 2004
- Summary:** Review of what has occurred to date. Meeting held which included UDOT & Industry representation. Made suggestions and updates to the fast patch specification. Specification still to review - slot stitching. Next meeting - May 4, 2004. Same time same location. Discussed differences in regards to fast patch, partial depth, full depth and fast track for CPR. The UDOT MOI method for approving fast patch materials is to be sent out with these minutes.
- 2:15 - 2:30. **Break**

2:30 - 3:00. **5. Update on HMA Quality Management Plan** – Tim Biel, Murari Pradhan

Summary: Murari was unable to attend. To remain for next months agenda.

3:00 – 3:15. **6. Summary of the latest Profilograph Calibration and Certification Course** – Murari Pradhan (UDOT).

Summary: Those that still need the calibration and training are to contact Murari. Recently he has calibrated and certified ten more Profilographs. There are a couple more that need to be brought in. Five additional operators have also been certified.

3:15 - 3:30. **7. The Flakiness index test. Procedure E-mailed to UPC members** – Bill Lawrence (UDOT)

Summary: UDOT MOI “Flakiness Index Method” handed out for review and to try.

3:30 – 4:00. **8. ASR issues** - Todd Laker (Holcim Cement) data Holcim has regarding ASR.

Summary: UDOT looking into doing some research on I-80 (ramp) & I-70. Todd reviewed ASTM 1260 test data from various aggregate sources and mix designs. Discussed ASR issues and the different testing methods (ASTM 1260, 1293), and the implications of each. Discussed ASR testing length of time, frequencies, pit acceptance, supplier testing and UDOT testing issues.

4:00 – 4:30. **9. Other Items:**
Concrete test cylinder reporting procedures – Rob Duncan (Ashgrove Cement).

Summary: Industry expressed an interest in obtaining testing data, specifically concrete cylinder reporting. Discussed industries standard information that is included with concrete cylinder reporting. Most of the issues would be resolved once UDOT’s web based database is developed and implemented. For the time being, RME’s agreed to review how their data is stored and what level of effort would be involved in producing the information and supply it to industry.

Specification creation/involvement issues – Tim Biel (UDOT)

Summary: Tim Biel handed out a draft “Specification Introduction Process” for the Utah Pavement Council. It outlines the how the industry is included in UDOT’s materials specification creation/editing process.